

[Go to Product page](#)

Datasheet for ABIN7505086

GLA Protein (AA 32-429) (His tag)

Overview

Quantity:	100 µg
Target:	GLA
Protein Characteristics:	AA 32-429
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This GLA protein is labelled with His tag.

Product Details

Sequence:	Leu 32-Leu 429
Characteristics:	A DNA sequence encoding the Human GLA protein (P06280) (Leu 32-Leu 429) was expressed with a N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	GLA
Alternative Name:	GLalpha (GLA Products)
Background:	Background: α -Galactosidase A is a homodimeric glycoprotein that belongs to the glycosyl hydrolase 27 family. It is a lysosomal enzyme and used as a long-term enzyme replacement therapy in patients with a confirmed diagnosis of Fabry disease. α -Galactosidase A can hydrolyse Synonym: Alpha-Galactosidase A, Alpha-D-Galactosidase A, Alpha-D-

Target Details

	Galactoside,Galactohydrolase,Melibiose,Agalsidase,GLA,GLAL
Molecular Weight:	43.67 kDa
UniProt:	P06280
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months